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and nearly equal them; the broad, short, thick though somewhat flattened process representing the horn, very obtuse, or sometimes even retuse at the apex; follicles not seen.

Open hill-tops in south-western New Mexico, about Silver City, flowering in April.

In Dr. Gray's arrangement of the genus in the Syn. Fl. N. Am., this species would come next after *A. brachystephana*, Engelm.—EDWARD LEE GREENE.

NOTES FROM FLORIDA.—During a recent visit to Apalachicola, I had the pleasure of rambling for several miles in the vicinity of that ancient town in company with Dr. Chapman, and of being introduced by him to many plants peculiar to this region, first discovered and named by him. Of these, none interested me more than the three Myricaceae which I had not before seen; namely, the willow-like *Leitneria*, the *Myrica cerifera*, var. *intermedia*, which is much more distinct than I supposed, and the *Myrica inodora*. The latter I beheld with less pleasure than mortification, for with it I discovered a mistake in my recently issued Third Fascicle. What I distributed under that name is probably *Myrsine Floridana*. The characters presented by the shrub as found in fruit corresponded so well with those of *Myrica* that I too precipitately named it *Myrica inodora*. The latter, however is quite distinct. Dr. Chapman compared the inflorescence of *Myrsine* to a growth of *Cuscuta compacta*.

Most of Dr. Chapman's field work has been done in the neighborhood of the Apalachicola river, a region which embraces wonderfully varied and interesting vegetation. Fortunately the most interesting plants were in bloom at the time of my visit, and I succeeded in preparing fine sets of over thirty species for my fourth Fascicle, including three for my second set of Ferns.

No botanist who travels southward should fail to visit the Apalachicola river. Coming here about the first of April he will find the noble *Torreya* in bloom and beneath it the *Croomia*, which at first I confounded with the young plants of *Dioscorea* and *Smilax herbacea* growing with it. Of the shrubs he will hardly know which to admire most, the yellow variety of *Azalea nudiflora*, the red *Æsculus Pavia*, or the white *Chionanthus*. He will be charmed with the *Silene Drummondii*, and stand with awe before the giant cypresses, gums and cotton woods of the river bottoms. He will be tempted to recline on deep cushions of feathery *Selaginella*, and learn to shrink from that vegetable porcupine, the *Chamaerops Hystrix*. He will marvel at the parrot-beaked *Sarracenia*, and feel repaid for his journey if he sees nothing but the wonderful *Sarracenia Drummondii*.—A. H. CURTISS, Key West, Fla.

DOUBLE-STAINING OF VEGETABLE TISSUES.—Having used a number of dyes in double staining vegetable tissues, the conclusion I have arrived at is, that no rules can be given which will ensure success in every case. The process is quite familiar to every working micro-